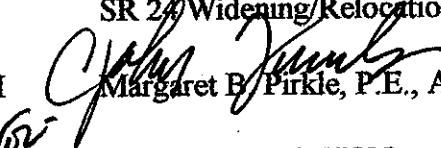



D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE FLF-540(26) Baldwin-Washington Counties **OFFICE** Preconstruction
P. I. No. 222280-
SR 24 Widening/Relocation **DATE** August 2, 2004
FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction
TO  SEE DISTRIBUTION

SUBJECT NOTICE OF LOCATION AND DESIGN APPROVAL

Attached for your further handling is the approved Location and Design Report on the above subject project.

Also attached is the Notice of Location and Design Approval. This is authorization for the District to proceed with advertisement.

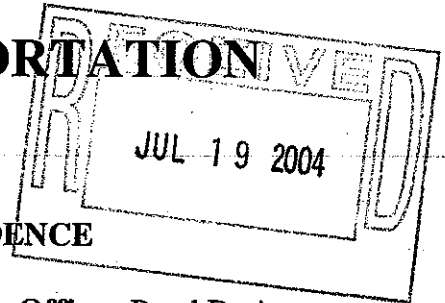
MBP/cj

Attachment

DISTRIBUTION:

David Mulling
Harvey Keepler
Jamie Simpson
Paul Liles
Phillip Allen
Jerry Hobbs
Joe Palladi (file copy)
Brent Story
Ben Buchan
Gerald Ross
Mike Thomas
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

File: FLF-540 (26) Baldwin/Washington Counties
P.I. No. 222280

Office: Road Design

Date: July 16, 2004

From: *Gerald M. Ross*
Gerald M. Ross, P.E., State Road and Airport Design Engineer

To: Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

Subject: Request for Location and Design Report Approval

Description and Project Proposal: Project FLF-540 (26) Baldwin/Washington consists of the widening, reconstruction and partial relocation of SR 24. The project would begin approximately 3100 feet south of C.R. 186/Ennis Road/O'Quinn Pond Road in Baldwin County and end at C.R. 10/C.R. 342/Indian Trail Road in Washington County, a distance of approximately 7.8 miles. From the beginning of the project to east of Town Creek, the proposed widening would be on the north side of the existing roadway. From east of Town Creek, the proposed roadway would extend on new location south of existing S.R. 24 to C.R. 191/Harmony Church Road, where it would shift to the north of existing S.R. 24 on new location to Gumm Creek. From Gumm Creek, the widening would generally follow the existing roadway to east of S.R. 272, where it would extend on new location south of existing S.R. 24 to just west of C.R. 1/Leverett Road where the new roadway would shift to north of existing S.R. 24 to west of Bluff Creek. At Bluff Creek, the proposed roadway would shift to south of existing S.R. 24 on new location to east of Big Branch where the widening would shift back to the north side of existing S.R. 24 until just west of C.R. 10/C.R. 342/Indian Trail Road, where it would shift to the south side of existing S.R. 24 to just west of C.R. 10/C.R. 342/Indian Trail Road and the end of the project. The existing two lane roadway would be improved to two 12-foot lanes in each direction with a 44-foot depressed grass median. It would include replacing the existing bridges over Town Creek, Gumm Creek, Bluff Creek and Big Branch with new parallel bridges.

Concept Approval Date: June 1, 1994

Concept Update: Several adjustments were made to the alignment to minimize wetland impacts as describe above. The original concept proposed widening the existing bridges, but because of the proposed alignment changes the existing bridges at Town Creek, Gumm Creek, Bluff Creek and Big Branch would be replaced. The proposed project length is 7.809 miles.

Environmental Assessment and Reassessment Approval Date: An EA/FONSI was approved January 22, 2003. A No Change Reevaluation was approved March 22, 2004.

Public Involvement: A public information meeting was held for this project and project FLF-540(29) Washington County on September 18, 1995, from 4:00 PM to 7:00 PM at the Thiele Kaolin Training Center in Sandersville. Complete results from that meeting were not available although transcripts that were available indicated general support of the projects.

The location and design public hearing was held for the proposed project and project FLF-540(29) Washington County on June 22, 1999 at the Vista Conference Center in Sandersville. There were a total of 33 people attended. In addition to this public hearing, there were other public hearings for the other Fall Line Freeway projects held at the same time for projects FLF-540(19) and FLF-540(22) in Gordon and in Milledgeville. A total of 327 people attended the three public hearings. A total of 82 comments were received and are summarized for all three public hearings below:

<u>No. opposed</u>	<u>No. in support</u>	<u>Uncommitted/Conditional</u>
26	39	17

Some of the citizen concerns relevant to this project included:

- Many citizens living along S.R. 24 objected to the lack of two-way access resulting from the proposed grassed median
- Several farmers requested that consideration be given to the movement between their fields, which would be separated by the proposed improvement.
- Several asked about compensation for land acquisition and proximity impacts.
- Some citizens felt that the Department put wetlands and old buildings ahead of people in determining roadway location.

There were no public officials on record as attending this meeting.

Consistency with Approved Planning: The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendation: It is recommended that the location and design for the project be approved and that the attached Notice be approved for advertising.

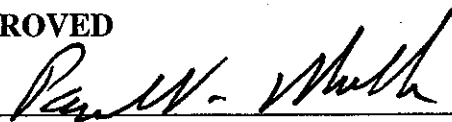
GMR:KF:ss

RECOMMEND


Thomas L. Turner, Director, Preconstruction

7/27/04
Date

APPROVED


Paul V. Mullins, Chief Engineer

7/29/04
Date

Attachments: Sketch Map
Cost Estimate
Notice of Location and Design Approval

NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT: FLF-540(26) Baldwin/Washington Counties
P. I. NO. 222280

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

The date of location and design approval is July 29, 2004.

Project FLF-540(26) Baldwin/Washington Counties begins approximately 3100 feet southeast of C.R. 186/Ennis Road/O'Quinn Pond Road in Baldwin County and ends at C.R. 10/C.R. 342/Indian Trail Road in Washington County, a distance of approximately 7.8 miles. The project is located within Georgia Militia Districts 115 and 98.

This project consists of the widening, reconstruction and partial relocation of SR 24, from an existing two lane roadway to two 12 foot lanes in each direction with a 44 foot depressed grass median. It will include replacing existing bridges over Town Creek, Gumm Creek, Bluff Creek and Big Branch with new parallel bridges.

The proposed multi-laning will improve the operational characteristics and safety along this section of State Route 24.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation Area Engineer's Office:

Kraig Collins, Area Engineer
161 Blandy Road
Milledgeville, Georgia 31061
E-mail address: kraig.collins@dot.state.ga.us
Telephone: (478) 445-5130

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Kimbal D. Fulbright, Project Manager
Office of Road and Airport Design
GEORGIA DEPARTMENT OF TRANSPORTATION
No. 2 Capitol Square, Room 444
Atlanta, Georgia 30334
E-mail address: kim.fulbright@dot.state.ga.us
Telephone (404) 656-5386

Any written request or communication in reference to this project or notice SHOULD include the Project and P.I. Number as noted at the top of this Notice.

FLF -540 (26)

CONCEPT COST ESTIMATE

PROJECT NUMBER: FLF-540 (26)

COUNTY: BALDWIN/WASHINGTON

DATE: June 7, 2004

ESTIMATED LETTING DATE: June 15, 2005

PREPARED BY: B&E JACKSON & ASSOCIATES, INC.

PROJECT LENGTH (MILES): 7.8 (12.6 km)

() PROGRAMMING PROCESS () CONCEPT DEVELOPMENT (X) DURING PROJ DEV.

PROJECT COSTS

A. RIGHT-OF-WAY

- | | |
|---------------------------------------|----------------------|
| 1. PROPERTY (Land and Easement) | \$ <u>3,700,000</u> |
| 2. DISPLACEMENTS: Res.14 Bus.0 M.H.4 | \$ <u> </u> |
| 3. OTHER COST (adm./court, inflation) | \$ <u> </u> |

SUBTOTAL A: \$ 3,700,000

B. REIMBURSABLE EXPENSES

- | | |
|-----------------------|-------------|
| 1. RAILROAD | \$ <u>0</u> |
| 2. TRANSMISSION LINES | \$ <u>0</u> |
| 3. SERVICES | \$ <u>0</u> |

SUBTOTAL B: \$ 0

C. CONSTRUCTION

1. MAJOR STRUCTURES

- | | |
|---------------------|---------------------|
| a BRIDGE CULVERTS | \$ <u>0</u> |
| b BRIDGES | \$ <u>3,200,000</u> |
| c BRIDGE DEMOLITION | \$ <u>350,000</u> |

SUBTOTAL C-1: \$ 3,550,000

2. GRADING AND DRAINAGE

a. EARTHWORK

1) Unclassified Excavation Soil – 550,000 c.y. @ \$3.00	\$ 1,650,000
2) Borrow Excavation – 250,000 c.y. @ \$3.50	\$ 875,000

b. DRAINAGE

1) Cross Drain Pipe (exc. box culverts)	\$ 465,000
2) Pavement Removal @ \$2.50/s.y.	\$ 220,000
3) Box Culverts	\$ 50,000
4) Median Drains	\$ 137,000

SUBTOTAL C-2: \$ 3,397,000

3. BASE AND PAVING

a. AGGREGATE BASE @ 14.00/ton	\$ 2,250,000
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b. ASPHALT PAVING: 9.5mm Superpave Mix	\$ 1,150,000
19mm Superpave Mix	\$ 1,896,000
25mm Superpave Mix	\$ 2,200,000

SUBTOTAL C-3.b: \$ 5,246,000

c. CONCRETE PAVING Reinforced Concrete Approach Slabs	\$ 170,000
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d. OTHER Aggregate Surface Course @ \$ 14.00/ton	\$ 70,000
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f. Bituminous Tack Coat	\$ 20,000
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SUBTOTAL C-3: \$ 7,756,000

4. LUMP ITEMS

a. TRAFFIC CONTROL	\$ 290,000
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b. CLEARING AND GRUBBING 237 acres @ \$5000/acre	\$ 1,185,000
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c. LANDSCAPING 7.80 miles @ \$ 25,000/mile	\$ 195,000
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d. EROSION CONTROL 7.80 miles @ \$ 115,000/mile	\$ 897,000
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e. DETOURS Temporary Roads	\$ 100,000
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SUBTOTAL C-4: \$ 2,667,000

5. MISCELLANEOUS

a. LIGHTING	\$ 0
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b. SIGNING - STRIPING - SIGNAL 7.80 miles @ \$ 50,000/mile	\$ 390,000
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c. GUARDRAIL (W-Beam) –10,250 lin. ft. @ \$ 9.60	\$ 98,400
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e. Type 1 anchor @ \$ 440	\$ 11,880
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f. Type 12 anchor @ \$ 1394	\$ 34,850
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g. Other – 7.8 miles @ \$ 120,000/mile	\$ 936,000
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SUBTOTAL C-5: \$ 1,471,130

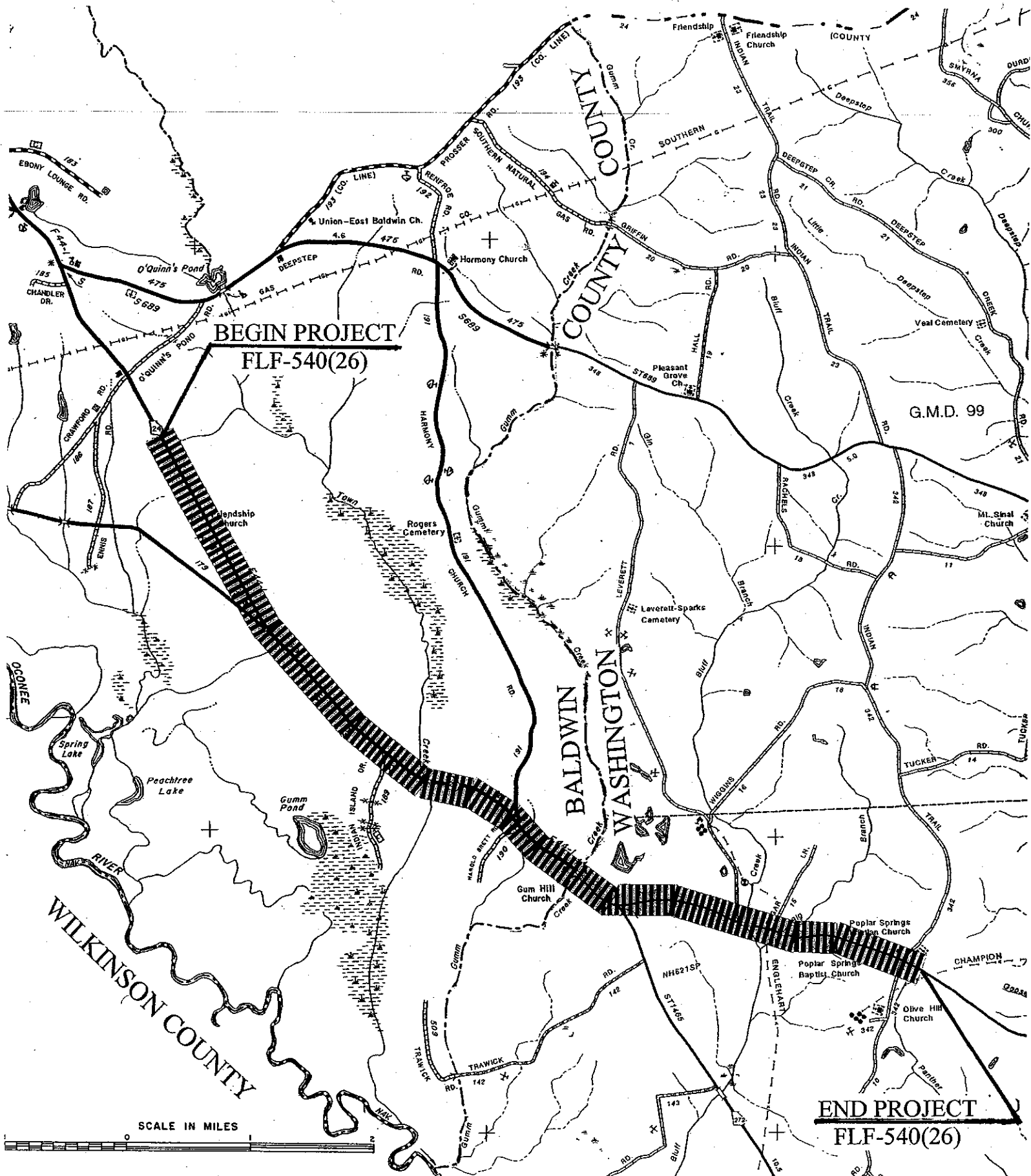
6. SPECIAL FEATURES

SUBTOTAL C-6: \$ 0

ESTIMATE SUMMARY

A. RIGHT-OF WAY		\$ <u>3,700,000</u>
B. REIMBURSABLE UTILITIES		\$ <u>0</u>
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$ <u>3,550,000</u>	
2. GRADING AND DRAINAGE	\$ <u>3,397,000</u>	
3. BASE AND PAVING	\$ <u>7,756,000</u>	
4. LUMP ITEMS	\$ <u>2,667,000</u>	
5. MISCELLANEOUS	\$ <u>1,471,130</u>	
6. SPECIAL FEATURES	\$ <u>0</u>	
 SUBTOTAL CONSTRUCTION COST	 \$ <u>18,841,130</u>	
E. & C. (10%)	\$ <u>1,884,113</u>	
INFLATION (2 yrs. @ 5 % per year)	\$ <u>2,124,337</u>	
 TOTAL CONSTRUCTION COST		\$ <u>22,849,580</u>
GRAND TOTAL CONSTRUCTION COST		\$ <u><u>26,549,580</u></u>

PROJECT LOCATION MAP



FLF-540(26) BALDWIN/WASHINGTON COUNTIES

P.I. NO. 222280